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1904 (a)
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PSTN 1/51
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ROHDE & SCHWARZ

BESCHREIBUNG

INSTRUCT. BOOK

MP MASTER
MA23797

1904 A

Instruction Book

U H F L O A D R E S I S T O R

Type RBD

BN 33661/50 BN 33661/60

105/64 1238

R 6679
1259
Bl. 1
(4 Bl.)

Edition R 6679/1259

(Translation of the German edition R 6678/1159)

593; 151; 2000 S

ROHDE & SCHWARZ · MÜNCHEN

Specifications

Power handling capacity .	2 w
Overload capacity (10 sec)	100%
Frequency range	d-c to 2400 mc
Input impedance	
BN 33661/50	50 Ω
BN 33661/60	60 Ω
VSWR	
up to 500 mc	better than 1.08
up to 2400 mc	better than 1.15
Attenuation	10 db ±0.2 db
Permissible pulse peak voltage	600 v
Connectors	R&S connector Dezifix B
Dimensions	140 mm x 48 mm dia.
Weight	0.5 kg

R 6679
1259
Bl. 2

93; 151; 2000 S

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Uses

The UHF Load Resistor Type RBD BN 33661/50 and BN 33661/60 is a 10-db attenuator built up of deposited-carbon type resistors. It permits, for instance, the power range of 1 to 200 mw of the R&S Microwave Power Meter Type NRD (BN 2412/50 and BN 2412/60) to be extended up to 2 w so that the measurement ranges

1 to 20/50/100/200/500 mw/1/2 w

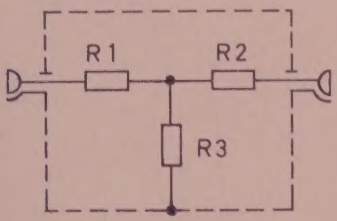
are obtained.

The power range of the Types NRD BN 2413/50 and BN 2413/60 can be extended from 10 mw to 100 mw.

For measurements of higher powers the following UHF Load Resistors are available: BN 33662/50, BN 33662/60, BN 33663/50, BN 33663/60, for 20 w each; BN 33664/50 and BN 33664/60 for 100 w; and the Types RD 1/50 and RD 1/60 for 1 kw.

When the UHF Load Resistor is used for loading a transmitter it should be match-terminated by a suitable resistor, e.g. the R&S Type RMD

BN 33526/50 or BN 33526/60, to ensure freedom from reflections. Pulses of up to 600 v can be applied to the Type RBD provided the effective pulse power does not exceed 2 w. Short-term (10 sec) overloading up to 100% is permissible.



BN 33661/50

R1 + R2	2 x R&S Stock No. 33661 - 3.2/50 (2 x 25,9 Ω ±0.5%/0.5 w)
R3	R&S Stock No. WFK 612/35,2/1/0,25 (35,2 Ω ±1%/0.25 w)

BN 33661/60

R1 + R2	2 x R&S Stock No. 33661 - 3.2/60 (2 x 31,1 Ω ±0.5%/0.5 w)
R3	R&S Stock No. WFK 612/42,2/1/0,25 (42,2 Ω ±1%/0,25 w)

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